Duke Energy Carolinas For the Period February 1, 2010 - December 31, 2013 Docket Number 2012-XXXV-E Exhibit Summary for Rider EE Exhibits and Factors

Residential Billing Factor

nesidential billing Factor		
1 Costs to be Recovered for Vintage 1 True-up	V1 Exhibit 1, Line 17	\$ 1,129,788
2 Costs to be Recovered for Vintage 2 True-up	V2 Exhibit 1, Une 15	\$ 4,442,854
3 Total Cost to be Recovered Vintage 1 and Vintage 2 True-ups	Line 1 + Line 2	\$ 5,572,642
4 Projected SC Residential Sales (kWh) for rate period	R4 Exhibit 3, Une 3	6,415,829,548
5 Revenue Requirement Vintage 1 and Vintage 2 True-up Component for Residential Rider EE (cents per kWh)	Line 3 / Line 4 * 100	0.0869 Application
Control by December 15 to 15 t		
6 Costs to be Recovered for Vintage 3 Prospective amounts	V3 Exhibit 1, Line 3	\$ 2,898,497
7 Costs to be Recovered for Vintage 4 Prospective amounts	V4 Exhibit 1, Line 11	\$ 7,706,655
8 Total Prospective Components of Residential Revenue Requirement	Unes 6 + 7	\$ 10,605,151
9 Projected SC Residential Sales (kWh) for rate period 10 Revenue Requirement Vintage 3 and Vintage 4 Prospective Component for Residential Rider EE (cents per kWh)	R4 Exhibit 3, Line 3	6,415,829,548
To seasone understance animale a sine america a Lipsbergus Comboness to unascetting under sea freste bat Kasul	šne 8 / Line 9 * 100	0.1653 Application
11 Total Revenue Requirement for Residential Rider EE	Line 3 + Line 8	\$ 16,177,793
12 Total Revenue Requirement for Residential Rider EE (cents per kV/h)	Line 5 + Line 10	9.2522 Application
Non-Residential Billing Factors for Rider 4 True-Up Components		
12 Partie ba ha Basanira di Santiana a 4 Tina can Mahara 4 PP Bashirana	144 67 574 74 74 74 74 74 74 74 74 74 74 74 74 7	
13 Costs to be Recovered for Vintage 1 True-up - Vintage 1 EE Participant 14 Projected Vintage 1 EE Participants SC Non-Residential Sales (kwh) for rate period	V1 Exhibit 1, Line 33	\$ 2,473,261
15 EE Revenue Requirement Vintage 1 True-up Hon-Residential Rider EE (cents per kWh)	R4 Exhibit 3, Line 23	9,744,280,927
13 TO DESIGNED DESIGNATION SOURCES AND ASSOCIATION OF SECURITIES AND ASSOCIATION	Une 13/line 14 * 100	0.0254 Application
16 Costs to be Recovered for Vintage 2 True-up - Vintage 2 EE Participant	V2 Exhibit 1, Une 29	\$ 6,144,693
17 Projected Vintage 2 EE Participants SC Non-Residential Sales (kwh) for rate period	R4 Exhibit 3, Line 23	9,151,050,009
18 EE Revenue Requirement Vintage 2 True-up. Hon-Residential Rider EE (cents per kWh)	Line 16/Line 17 * 100	0,0671 Application
19 Costs to be Recovered for Vintage 1 True-up - Vintage 1 DSM Participant	VI Exhibit 1, Line 33	\$ 87,863
20 Projected Vintage 1 DSM Participants SC Non-Residential Sales (kwh) for rate period	R4 Exhibit 3, Line 23	8,672,408,517
21 DSM Revenue Requirement Vintage 1 True-up Bon-Residential Rider EE (cents per kWh)	Line 19/Line 20 * 100	0.0010 Application
22 Costs to be Recovered for Vintage 2 True-up - Vintage 2 DSM Participant	V2 Exhibit 1, Line 29	\$ 1,552,345
23 Projected Vintage 2 DSM Participants SC Hon-Residential Sales (kwh) for rate period	R4 Exhibit 3, Line 23	8,381,580,256
24 DSM Revenue Requirement Vintage 2 True-up Non-Residential Rider EE (cents per kWh)	Line 22/Line 23 * 100	0.0185 Application
Non-Residential Billing Factors for Rider 4 Prospective Components		
25 Total EE Revenue Requirement - Vintage 3 EE Participant	V3 Exhibit 1, Une 6	\$ 1,132,101
26 Projected Vintage 3 EE Participants SC Non-Residential Sales (kwh) for rate period	R4 Exhibit 3, Line 23	9,443,423,894
27 EE Reveruse Requirement Vintage 3 Lost Revenues Non-Residential Rider EE (cents per kWh)	Line 25/Line 26 * 100	0.0120 Application
28 Total EE Revenue Requirement - Vintage 4 EE Participant	V4 Exhibit 1, Line 21	\$ 7.530.527
29 Projected Vintage 4 EE Participants SC Non-Residential Sales (kwh) for rate period	R4 Exhibit 3, Line 23	9,443,423,894
30 EE Revenue Requirement Vintage 4 Lost Revenues Hon-Residential Rider EE (cents per kWh)	Line 28/Line 29 * 100	0.0797 Application
31 DSM Revenue Requirement - Vintage 4 DSM Participant	100 Cubible + 10a a 74	\$ 7.189.670
32 Projected Vintage 4 DSM Participants SC Non-Residential Sales (kwh) for rate period	V4 Exhibit 1, Line 21 R4 Exhibit 3, Line 23	\$ 7,189,670 8,370,744,120
33 DSM Revenue Requirement Vintage 4 Prospective Non-Residential Rider EE (cents per kWh)	Line 31/Line 32 * 100	0.0859 Application
So bearing the second of the s	mestimest 100	Oxoco Appacation
Total costs to be recovered in Rider 4 from Non-Residential Customers		
13 Costs to be Recovered for Vintage 1 True up - Vintage 1 EE Participant	V1 Exhibit 1, Une 33	\$ 2,473,261
16 Costs to be Recovered for Vintage 2 True up - Vintage 2 EE Participent	V2 Exhibit 1, Une 29	\$ 5,144,693
19 Costs to be Recovered for Vintage 1 True-up - Vintage 1 DSM Participant	V1 Exhibit 1, Line 33	\$ 87,863
22 Costs to be Recovered for Vintage 2 frue up - Vintage 2 DSM Participant	V2 Exh/bit 1, Line 29	\$ 1,552,345
25 Total EE Revenue Requirement - Vintage 3 EE Participant	V3 Exhibit 1, Line 6	\$ 1,132,101
28 Total EE Revenue Requirement - Vintage 4 EE Participant	V4 Exhibit 1, Line 21	\$ 7,530,527
31 DSM Revenue Requirement - Vintage 4 DSM Participant	V4 Exhibit 1, Line 21	\$ 7,189,670
34 Total Non-Residential Revenue Requirements		\$ 26,110,459 Application

Exhibit B Page 1 of 3 Electricty No. 4 South Carolina Fourth (Proposed) Revised Leaf No. 62 Superseding South Carolina Third Revised Leaf No. 62

RIDER EE (SC) ENERGY EFFICIENCY RIDER

APPLICABILITY (South Carolina Only)

Service supplied under the Company's rate schedules is subject to approved energy efficiency adjustments over or under the Rate set forth in the approved rate schedules for energy efficiency programs approved by the Public Service Commission of South Carolina (PSCSC).

GENERAL PROVISIONS

This Rider will recover the cost of Duke Energy Carolinas' Save-a-Watt ("SAW") energy efficiency and demand-side management programs, using the method approved by the PSCSC, for programs implemented over a 4 year period (i.e., comprising four 12-month program years or "Vintage Years"). In each year this Rider will include components to recover revenue requirements related to demand-side management and energy efficiency programs implemented in that vintage, as well as lost revenues resulting from the energy efficiency programs. Lost revenues associated with each vintage will be recovered for 36 months upon implementation. As a result the Rider will continue beyond the 4 year period to fully recover lost revenues for programs in years 3 and 4.

Revenue requirements for SAW demand-side management programs will be determined on a system basis and allocated to South Carolina retail customers based on the class contribution to system retail peak demand. Revenue requirements for SAW energy efficiency programs will be determined on a system basis and allocated to all South Carolina retail customer classes based on SC retail contribution to system retail sales. Residential customers will pay for the allocated cost of residential programs; non-residential customers will pay for the allocated cost of non-residential programs.

The Rider will recover the cost of Duke Energy Carolinas' Interruptible Service and Stand-By Generator programs ("Existing DSM Programs") based on the cost of bill credits and amounts paid to customers participating on these programs ("Program Costs"). Revenue requirements will be determined on a system basis and allocated to SC retail customer classes based on the class contribution to system peak demand.

All allocation factors will be based on the Company's cost of service study and will exclude the amounts related to customers that elect to opt out of this Rider.

TRUE-UP PROVISIONS

Rider amounts for SAW programs will initially be determined based on estimated kW and kWh impacts related to expected customer participation in the programs, and will be trued-up as actual customer participation and actual kw and kwh impacts are verified.

Participation true-ups: After the first year, the Rider will include a true-up of previous Rider amounts billed to reflect actual customer participation in the programs.

Measurement and verification true-up: EM&V activities and results will be included in a mid-term EM&V-based true-up process that will be reflected in Vintage Year 3 Rider EE collections. A final EM&V true-up reflected in Vintage Year 6 Rider EE collections will incorporate all EM&V studies completed since the mid-term EM&V true-up. EM&V results will include measure-level savings adjustments and net-to-gross analysis. In addition, the mid-term and final true-ups will incorporate the most recent EM&V results in the avoided cost true-up, the lost revenue true-up, and the earnings cap true-up.

Earnings cap true-up: In the sixth year a true up will be billed, if applicable, to refund amounts collected through the Rider in excess of the earnings cap, in accordance with the following levels of achievement and allowed return on investment.

Percentage Actual	Return on Investment Cap
Target Achievement	on Program Costs
	Percentage
>=90%	15%
80% to 89%	12%
60% to 79%	9%
< 60%	5%

Rider amounts for Existing DSM Programs initially will be estimated program costs for the calendar year and will be trued-up to actual a subsequent rider.

South Carolina Fourth (Proposed) Revised Leaf No. 62 Effective for service on and after January 1, 2013 PSCSC Docket No.

Exhibit B Page 2 of 3 Electricty No. 4

South Carolina Fourth (Proposed) Revised Leaf No. 62 Superseding South Carolina Third Revised Leaf No. 62

RIDER EE (SC) ENERGY EFFICIENCY RIDER

DETERMINATION OF ENERGY EFFICIENCY RIDER ADJUSTMENT

Energy Efficiency Adjustments (EEA) will be applied to the energy (kilowatt hours) billed of all rate schedules for each vintage as determined by the following formula:

EEA Residential (expressed as cents per kwh) = SAW Residential Adjustment + Existing DSM Residential Adjustment

SAW Residential Adjustment = Residential Avoided Cost Revenue Requirement + Residential Lost Revenues / Forecasted Residential kWh Sales for the Rider billing period

Where

Residential Avoided Cost Revenue Requirement = (Residential Demand Side Management Program Avoided Cost Revenue Requirement X 75%) + (Residential Energy Efficiency Program Avoided Cost Revenue Requirement X 55%)

And

Existing DSM Residential Adjustment = Non-SAW Residential Program Costs / Forecasted Residential kWh Sales for the Rider billing period

EEA Non-residential (expressed as cents per kwh) = SAW Non-residential Adjustment + Existing DSM Non-residential Adjustment

SAW Non-residential Adjustment = Non-residential Avoided Cost Revenue Requirement + Non-residential Lost Revenues / Forecasted Non-residential kWh Sales (excluding opt out sales) for the Rider billing period

Where

Non-residential Avoided Cost Revenue Requirement = (Non-residential Demand Side Management Program Avoided Cost Revenue Requirement X 75%) + (Non-residential Energy Efficiency Program Avoided Cost Revenue Requirement X 55%)

And

Existing DSM Non-residential Adjustment = Non-SAW Non-residential Program Costs / Forecasted Non-residential kWh Sales (excluding opt out sales) for the Rider billing period

ENERGY EFFICIENCY RIDER ADJUSTMENTS (EEA)

As a result of the Commission's Order No.XX=XXX in Docket No. 2012-XXX-E, the EEA applicable to the residential and nonresidential rate schedules effective January 1, 2013, including revenue-related taxes and utility assessments, are as follows:

Residential

0.2522¢ per kWh

Nonresidential Vintage 1 True-up	Energy Efficiency 0.0254¢ per kWh	Demand Side Management 0.0010 ¢ per kWh
Vintage 2 True-up	0.0671¢ per kWh	0.0185¢ per kWh
Vintage 3 Lost Revenues	0.0120¢ per kWh	NA
Vintage 4	0.0797¢ per kWh	0.0859¢ per kWh
Total Vintage I, 2, 3, 4	0.1842¢ per kWh	0.1054¢ per kWh

Total Nonresidential Energy Efficiency and Demand Side Management

0.2896¢ per kWh

Each factor listed under Non-residential is applicable to non-residential customers who are not eligible to opt out and to eligible customer who have not opted out. If a nonresidential customer has opted out of a Vintage(s), then the charge(s) shown above for the Vintage(s) during which the customer has opted out, will not apply to the bill.

Exhibit B
Page 3 of 3
Electricty No. 4
South Carolina Fourth (Proposed) Revised Leaf No. 62
Superseding South Carolina Third Revised Leaf No. 62

RIDER EE (SC) ENERGY EFFICIENCY RIDER

OPT OUT PROVISION FOR QUALIFYING MANUFACTURING CUSTOMERS

The Nonresidential BEA increment applicable to energy efficiency programs and/or demand-side management programs will not be applied to the energy billed to the Customer under the applicable nonresidential rate schedule for Customers qualified to opt out of the programs where:

- a. The Customer attests or certifies to the Company that it has performed or had performed for it an energy audit or analysis within the three year period preceding the opt out request and has implemented or has plans for implementing the cost-effective energy efficiency measures recommended in that audit or analysis; and
- b. The Customer is served under an electric service agreement where the establishment is classified as a "manufacturing industry" by the Standard Industrial Classification Manual published by the United States Government, and where more than 50% of the electric energy consumption of such establishment is used for its manufacturing processes.

For Customers who elect to opt out of Energy Efficiency Programs, the following provisions also apply:

- Qualifying customers may opt out of the Company's energy efficiency programs each calendar year only during the
 designated annual two month enrollment period. For the Rider EE 2013 Program Year, the enrollment period begins
 November 1, 2012 and ends December 31, 2012.
- Customers may not opt out of individual energy efficiency programs offered by the Company. The choice to optout applies
 to the Company's entire portfolio of energy efficiency programs.
- If a customer participates in any vintage of energy efficiency programs, the customer, irrespective of future opt-out
 decisions, remains obligated to pay the remaining portion of the lost revenues for each vintage of efficiency programs in
 which the customer participated.

For Customers who elect to opt out of Demand Side Management Programs, the following provisions also apply:

- Qualifying customers may opt out of the Company's demand-side management program only during the designated annual
 two month enrollment period. For the Rider EE 2013 Program Year, the enrollment period begins November 1, 2012 and
 ends December 31, 2012.
- If a customer elects to participate in a demand-side management program, the customer may not subsequently choose to
 opt out of demand side management programs for three years.

Total Vintage 1,

Calculation of True-Up for Vintage 1, Years 1, 2, and one month of Year 3 For the Period February 1, 2010 - December 31, 2010 Docket Number 2012-XXX-E **Dake Energy Carolinas**

Year 1 and Year 2 SC Ravenue SC Ratall Costs SC Retail Costs CoResist Costs Cost Cost	\$ 15,763,048 \$ 6,853,114 22,616,162 \$ 22,616,162 \$ 22,616,162 \$ 23,524,688 \$ 23,524,688 \$ 19,526,187 \$ 19,556,187 \$ 19,756,187 \$ 10,791 \$ 1139,788 \$ 26,0791 \$ 1,129,788	Vintage 1, Year 1 Vintage 1, Year 2 SC Retail Costs SC Retail Costs SC Retail Costs Costs up	\$ 4,962,238 \$ 1,223,868 \$ 1,795,762 \$ 3,509,806 \$ 1,004,506 \$ 1,795,762 \$ 1,795,762 \$ 1,004,506 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,004,806 \$ 1,00	\$ 6,758,000 \$ 3,609,806 \$ 6,758,000 \$ 4,122,411 \$ (1,124,033) \$ (1723,716) \$ 5,533,967 \$ 4,108,501 \$ 3,772,534 \$ 4,108,501 \$ 1,81,453 \$ (76,741) \$ 2,473,261 \$ 2,473,261 \$ 5,743,261 \$ 6,72,408,517 \$ 0,0010
	V1 Eshibit 2, Line 6 V1 Eshibit 2, Line 7 Line 1 + Line 2 Line 3 + Line 4 R4 Eshibit 1, Line 6 Line 5 + Line 6 Line 7 + Line 6 Line 7 + Line 6 Line 7 + Line 10 V1 Eshibit 3, Line 5 Line 11 + Line 12 R4 Eshibit 2, Line 1 Line 13 - Line 14 R4 Exhibit 4, Page 1 of 3, Line 8 Line 15 + Line 16		V1 Exhibit 2, Une 15 Line 20 ° Une 15 R4 Exhibit 1, Line 13 Line 21 + Line 22	Line 23 * Une 24 VI Ewhibit 3, Line 5 Alne 25 * Une 26 VI Ewhibit 6, Line 27 Col. F, G Line 27 * Une 28 R4 Ewhibit 2, Lines 3, 5 Line 29 * Line 30 R4 Ewhibit 4, Page 2 of 3, Line 7, 19 Line 31 * Line 32 AR Ewhibit 3, Line 32 Line 33 * Line 33
RESIDENTIAL	1 EE Avoided Cost Camponent 2 DSM Avoided Cost Component 3 Total Residential Avoided Cost Component 4 Gross Receipt Tax and Regulatory Fee 5 Total EE/DSM Residential Avoided Cost Component 6 Total Lost Revenues Vintage 1 7 Residential Save-A-Watt Revenue Requirement 8 Billing Factor 9 Residential Save-A-Watt Revenue Requirement 10 Residential Existing DSM Program Revenue Requirement 11 Total Residential Saw & Existing DSM Program Revenue Requirement 12 Eaming Cap Adjustment 13 Residential Revenue Requirement Capped 14 Total Collected for Vintage 1 (Rider 1, Rider 2, Rider 3 est.) 15 Residential True-up Amount with Interest 17 Residential True-up Amount with Interest	NON-RESIDENTIAL	19 SAW DSM Avoided Cost Component 20 Gross Receipts Tax and Regulatory Fee 21 Total Non-Residential Avoided Cost Component 22 Total Lost Revenues Vintage 1 23 Non-Residential EE/DSM Revenue Requirement 24 Billing Fouton	25 Total Non-Residential Expus Revenue Requirement 27 Total Non-Residential SAW & Editing DSIM Program Revenue Requirement 28 Earnings Cap Adjustment 28 Earnings Cap Adjustment 29 Non-Residential Revenue Requirement Capped 30 Total Collected for Vintage 1 (Rider J. Rider 2, Rider 3 est.) 31 Non-Residential True-up Amount Vintage 1 32 Interest Amount due Company 33 Non-Residential True-up Amount Vintage 1 34 Projected SC Non-Residential Sales (RWI) for billing period 35 Non-Residential Rider EE (cents per KWN) 35 Non-Residential Rider EE (cents per KWN)

^{*} Includes 1 month of Year 3 (January 2012)

Duke Energy Carolinas
For the Period Fehruary 1, 2010 - December 31, 2010
Docker Humber 2012-1004-4
Load Impacts and Avoided Cost Revenue Requirements by Program - Vintage 1

(1) Total System DSM programs allocated to Residential and Non-Residential based on contribution to retail system peak

Duke Energy Carolinas
For the Period February 1, 2010 - December 31, 2010
Docket Number 2012-XXX-E
Existing DSM Program Costs - Vintage 1

1 Fetimated total 19/95 proplets to be and the next to a			Yea	Year 2010		
- Carrington (2) SO Credits to be paid for native load programs	Line 8	8,977,844				
2 SC retail allocation factor - system peak demand	V1 Exhibit 4, Line 16, 17		Resid 10.	Residential 10.18483%	Non-residential 13.55438	sidential 13.55438%
3 SC retail share IS/SG program costs	Line 1 * Line 2		ۍ ن	914,378 \$		1,216,891
4 Gross Receipts Tax and Regulatory Fee	:	•	7	1.004536	F	1.004536
5 SC Retail Existing DSM Revenue Requirement	une 3 * Line 4		O 1	918,526	Ţ	1,222,411
PROGRAM 4 INTERRUPTIBLE SERVICE CREDITS 5 STANDBY GENERATOR PAYMENTS 6 WHOLESALE A/C LOAD CONTROL CREDITS 7 WHOLESALE INTERRUPTIBLE SERVICE CREDITS 8 TOTAL CREDITS	Feb - Dec 2010 Credits Paid 5,551,645 2,061,639 614,944 749,616 8,977,844					

Duke Energy Carolinas For the Period February 1, 2010 - December 31, 2010 Docket Number 2012-XXX-E Allocation Factors - Vintage 1

Sales Allocator - 2010		MWH	Res	NonRes
1 NC RetailMWH Sales Allocation 2 SC Retail MWH Sales Allocation (Excl. Greenwood) 3 Total Retail, Excluding Greenwood	Company Records Company Records Line 1 + Line 2	57,382,346 21,476,495 78,858,841	7,148,319	14,328,176
4 Greenwood Retail MWH Sales Allocation 5 Total Retail, including Greenwood Allocation 1 to state based on kWh sales	Company Records Line 3 + Line 4	63,588 78,922,429		
6 SC Retail	Line 2 / Line 5	27.21216%	33.28438%	66.71562%
Demand Allocators - 2010		NC MW	SC MW	Total MW
7 Residential	Company Records	5,494,974	1,719,773	TAT A15 T
8 Non Residential (SC - Excl. Greenwood)	Company Records	6,437,669	2,288,743	8,726,412
y Greenwood	Company Records	•	13,841	13,841
10 idtal 11 Witologio Book Rememal	Line 7 + Line 8+ Line 9	11,932,643	4,022,357	15,955,000
12 Total System Book Dominal	Company Records			930,640
	Line 10 + Line 11			16,885,640
Allocation 2 to state based on peak demand				
13 SC Retail, Excl. Greenwood	(Line 7, SC + Line 8, SC)/ Line 10 Total	25.12389%		
Allocation 3 SC res vs non-res Peak Demand to retail system peak	ystem peak			
14 SC Residential	Line 7.SC / Line 10 Total	70000Z		
15 SC Non-residential	Line 8, SC / Line 10 Total	14.34499%		
Allocation 4 SC res us non-rec Peak Demand to retail suctem work for Edinbar ness	stebases month from Exitation, Parks			
16 SC Residential	Facel peak for Edaking Dawl	10 10/030/		
17 SC Non-residential	Line 8, SC / Line 12 Total	13.55438%		

Duke Energy Carolinas
For the Period February 1, 2010 - December 31, 2010
Docket Number 2012-XXX-E
Actual Program Costs - Vintage 1

	System Costs Months of February 1, 2010 -		
	December 31, 2010	Residential	Non-Residential
Energy Efficiency (EE) Programs:			
1 Residential Energy Assessments	2,627,616	2,627,616	
2 Home Energy Comparison Report	18,345	18,345	
3 Residential Smart Saver	25,826,746	25,826,746	
4 Low Income Services	417,693	417,693	
5 Energy Efficiency Education Schools Program	2,157,782	2,157,782	
6 Nonresidential Energy Assessments	1,046,412	•	1,046,412
7 Nonresidential Smart Saver	6,547,426		6,547,426
9 Subtotal EE Program Costs	38,642,020	31,048,182	7,593,838
Demand-Side Management (DSM) Programs:			
10 Power Manager	9,400,010	9,400,010	
~	7,689,402		7,689,402
12 Subtotal DSM Program Costs	17,089,412	9,400,010	7,689,402
13 Total EE & DSM Program Costs	55,731,432	40,448,192	15,283,240
14 Total EE & DSM Program Costs - Vintage 1	55,731,432		
1			

Duke Energy Carolinas
For the Period February 1, 2010 - December 31, 2010
Docket Number 2012-XXXv.E
Earnings Cap Calculation - Vintage 1

			⋖		•		U	٥	u	u	t
ictairer Conservation Programs		SS%	Res	Z	Non Res		Total	1	,	_	,
1 ACREVENUES-55%	V1 Exhibit 2, Lines 6, 14	s	47,742,228	\$	18,153,029	v	CE 900 357				
2 Program Costs	V1 Exhibit 5, Line 9	•∕1	31.048.187		7 503 030	٠.	30 540 000				
3 Avoided Costs -100%	Line 1 / 55%	. •	200 00 00 00 00 00 00 00 00 00 00 00 00	٠ ،	00000000	•	20,042,020				
4 Income Refore Taylor	The American	•	Ten'sna'go	^	33,005,507	'n	119,809,558				
	Z AUD - T AUD	v	16,594,046	v	10,559,191	₩	27,253,237	39.1760%			
	Line 4 * .3825	w	6,385,473	v	4,038,891	v	10,424,363	38.750095			
o inel income	Line 4 - Line 5	43	10,308,573	s	6,520,300	₩	16,828,874	0.9260% \$		252,364.97 \$ 10,676,727,97	
Total for DSM Programs		26.60	ì	1			;				
7 AC Bovenier-75%			9	2	Non Kes		Total				
S Department Contraction	V1 EXPIDIT Z, UNES 16, 17	v	13,362,642	S	11,687,961	S	25,050,603				
o mogatin costs	V1 Exhibit 5, Line 12	vs	9,400,010	v	7,689,402	s	17.089.412				
9 Avoided Costs -100%	Line 7 / 75%	v	17,816,856	s	15.583.948		33 700 804				
10 Income Before Faxes	Line 7 - Line 8	v	3,962,632	. 01	3.998 559		7 061 101				
11 lacome Taxes	Line 10 * .3825	w	1,515,707	· v)	1.529.449	, ,	3 045 156				
12 Net income	Une 10 - Line 11	v	2,446,925	*	2,469,110	·vs	4,916,035				
									Percent of Total Avoided Costs	wolded Costs	
									Non-Residential	Non-Res	
Total for SAW Programs Adjusted for DSM Cap		Š		Mon Day		į		Kesidential	Total	Conservation	Non-Res DSM
13 AC Revenues	Line 1 + Line 7	ď	61,104,870	*	000 078 00	<u> </u>	7				
14 Program Costs	Line 2 + Line 8	· v	40,448,192	, v	15 203 340	٠.	00945,050			•	
15 Avoided Costs	Line 3 + Line 9	v	100 013 001	, ₍	40 500 455	n (757/31,432				
16 Income Before Taxes	Une 13 - Line 14	s 40	70 656 678	1 U	40,203,455	۸ ،	153,210,362	68,28579%	31.71421%	60.83253%	39.16747%
17 Income Taxes	Line 16 * 3875	. 44	0/0/00/1	5 4	00//00/7	۸٠	35,714,428				
18 Nat Income	Une 16 - Une 17	n un	12,755,499	n en	8,989,411	v v	13,469,519				
					***************************************	,	41,744,303				
29 Pertent DSM Avoided Cost to Total Avoided Cost (A)	Cine C9 / Line C15						21.80062%				
20 reflett Conservation Avoided Cost to Total Avoided Cost	Une C3 / Line C15						78.19938%				
21 Earnings Cap: Allowed Return on Program Costs	Line 14, Col. C * 15%					4	4				
22 Earnings in Excess of Allowed Return on Program Costs	Line 18, Col C - Line 21, Col C					۸ 4	CL/,5CC,6				
23 SC Allocation (weighted demand and sales allocators)	(V1 Exhibit 4, Line 6 * V1 Exhibit 6, Line 20) + (V1 Exhibit 4, Line 13 * V1 Exhibit 6. Line 19)	t 6, Line 20) + (V)	Exhibit 4, Line 13	• V1 Exhibit 6	(fine 19)	•	26 75500%				
24 Excess Earnings to reduce VI Revenue Requirement	Line 22 * Line 23				Ì	s	3.581.464				
25 Excess Earnings by Customer Class and Type	Ö,	Col E, (Col E * Col F), (Col E * Col G)	IE * Col G)			,		\$ 2.445,637 \$	1 125 822 6	2000	
27 Gross up of Pre-Tax Earnings for Gross Reneints Tax and Beautitense	Line 25 / (13825)							3,960,536		₽	5 720.44R
Fee	1 po 16 4 1 004536										
	DCC-007						•	\$ 3,978,501 \$	1,847,749 \$	1,124,033	\$ 723.716
(A) No Adjustment required since DSM avoided costs percent is less than 40%	140%										

Duke Energy Carolinas For the Period January 1, 2011 - December 31, 2011 Docket Number 2012-XXX-E

Calculation of True-Up for Vintage 2, Year 1

Vintage 2, Year 1 SC Revenue Requirement True- up	\$ 12,786,991 \$ 3,350,520	\$ 16,137,511 1.004536	\$ 16,210,711 \$ 1,923,195	18,133,906 100%	\$ 18,133,906 \$ 780,826	\$ 18,914,732	\$ 3,861,472 \$ 581,382 \$ 4,442,854 See Exhibit A for rate
	V2 Exhibit 2, Line 7 V2 Exhibit 2, Line 8	Line 1 + Une 2	Line 3 * Line 4 R4 Exhibit 1, Line 20	Line 5 + Line 6	Line 7 * Line 8 V2 Exhibit 3, Une 5	Line 9 + Line 10 R4 Exhibit 2, Line 2	Line 11 - Line 12 R4 Exhibit 4, Page 1 of 3, Line 20 Line 13 + Line 14
RESIDENTIAL	1 EE Avoided Cost Component 2 DSM Avoided Cost Component	5 Nestoential Avoided Cost Component 4 Gross Receipts Tax and Regulatory Fee	5 Total EE/DSM Residential Avoided Cost Component 6 Total Lost Revenues Vintage 2	7 Residential Save-A-Watt Revenue Requirement 8 Billing Factor	9 Residential Save-A-Watt Revenue Requirement for billing 10 Residential Existing DSM Program Revenue Requirement	11 Total Residential SAW & Existing DSM Program Revenue Requirement 12 Total Collected for Vintage 2 (Rider 2)	13 Residential True-up Amount Vintage 2 14 Interest Amount due Company 15 Residential True-up Amount with Interest

		-	Martin 7 Vane & Comment	
NON-RESIDENTIAL			Requirement True-un	At neveride
16 SAW EE Avoided Cost Component	V2 Exhibit 2, Line 16	ļ	0 421 040	
17 SAW DSM Avoided Cost Commonent		,	01-01-01-0	
	Vz Extibit 2, Line 17		··	5,130,341
La Gross Receipts Lax and Regulatory Fee			1.004536	1.004536
19 Total Non-Residential Avoided Cost Component	Line 18 * Line 16 and Une 17	\ \ \	8 470 195 <	C 1 C 2 E 1 2
20 Total Lost Revenues Vintage 2	R4 Exhibit 1, Tine 28		604 760	The Adoption
21 Non-Residential FF/DSM Revenue Requisement		,	237,/00	
	77 airn + 57 airn	'n	9,061,963 \$	5,153,612
27 Dilling Pactor			100%	100%
23 Non-Residential EE/DSIM Revenue Requirement	Une 21 " Une 22	v	9.061.962	5 152 517
24 Existing DSM Program Revenue Requirement	V Ewhible 3 Line E	•	*	777
Total Man Double of the Principle	A EMILOR 3, LINE 3	ļ	٠.	1,195,607
22 July Wolf-Residential SAW & Existing USM Program Revenue Requirement	Line 23+ Une 24	vs	9,061,963 \$	6,349,219
to local Collected for Vintage 2 (Rider 2, Rider 3)	R4 Exhibit 2, Lines 4, 6	s	3,721,352 \$	5.017.013
7 Non-Residential True-up Amount Vintage 2	Line 25 - Une 26	s	5,340,611 \$	1,332,206
28 Interest Amount due Company	R4 Exhibit 4, Page 3 of 3, Une 6, 17	v	804.082 \$	220.139
29 Non-Residential True-up Amount Vintage 2 with Interest	Line 27 + Une 28	ν	6,144,693 \$	1,552,345
50 Projected SC Non-Residential Sales (KWh) for billing period	R4 Exhibit 3, Une 23	5	9,151,050,009	8,381,580,256
3.1 NOR-Kesidential Rider EE (cents per KWh)	Line 30/1 ine 30# 400			

Duke Energy Carolinas
For the Period January 1, 2011 - December 31, 2011
Docket Number 2012-30xe
Load Impacts and Avolded Cost Revenue Requirements by Program - Vintage 2

System kW Maturister System Broady System Avideded Cort System kW Maturister System Nav Maturister System Nav Maturister System State System					∢	5		U
System NV Reduction System Dreep System Breep							S.	sidential Avoided Costs
1,305 9,20,652 5 1,440,866 27,227794 5 1,247,841 27,227794 5 1,247,841 27,227794 5 1,247,841 27,227794 5 1,247,841 27,227794 5 1,247,841 27,227794 5 1,247,841 27,227794 5 1,227,944 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794 5 1,227794	Residential Programs	System kW Reduction - Summer Peak	System Energy Reduction (KWh)	System	Avoided Cost Requirement	SC kWh Sales Allocation Factor (VZ Exhibit 4, Line 6)		4 4
1,000	Attack data 2576 Avaigned Lost)	1,305	9,220,652	W	1,440,886	27,22374%	·	100 CDE
1,200	n' Tor Nasidendal Customers Standau (Mylana) and Washington Andreas	39,651	367,119,680	٧٠	45,110,321	27.22374%	v	12,280,717
1,120	- Lively concern; and regarded Application Cleans Education Process for Cheese	CH \$	489,563	so ·	57,147	27,22374%	•	15,558
S47,577 S4,595 S7,223744 S S4,595,995 S S7,223744 S S7,22374	Retroft Pilot	282	1,412,091	w 1	284,734	27.22374%	w	21,515
SA7,877 SPECIAL STATE SP	Ey Comparison Report	7 4	120,464	ስ ና	41,955	27.22.974%	v,	11,422
S47,871 S	ssidential Conservation Programs	41,387	378,725,395	20	46,969,998	27.22974%	ทห	9,516
Section Section Section Energy Section Energy Section England Coat Section England England Coat Section England En						SC Residential Peak Demand Allocation Factor (V2 Eahlibit 4, Line 14)		A.8
System Awarded Coct System Energy System Avoided Coct System Energy System Avoided Coct System Energy System Avoided Coct Enabline 4, June 5)	8 Total DSIM Programs (at 75% Avoided Costs)	547,871		vi	33,322,193	10.05492%	•	3,350,520
System kW Reduction - System Energy Revenue Requirement Enhibite, Line 6 A * B							¥ *	ton-ficsidential volded Costs
11,320 64,139,478 \$ 14,443,962 \$ 27,2237444 \$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	:	System kW Reduction - Summer Peak	System Energy Reduction (RA'h)	System	Avoided Cost Requirement	NC kWh Sales Allocation Factor (VZ Exhibit 4, the 6)		A• D
11.106 6.139,478 \$ 15,443,982 27,223748 \$ 5, 1,443,982 27,223748 \$ 5, 1,443,982 27,223748 \$ 5, 1,443,982 27,223748 \$ 5, 1,443,982 27,223748 \$ 5, 1,443,982 27,223748 \$ 5, 1,443,982 27,223748 \$ 5, 1,243,464 27,223748 \$ 5, 1,243,464 27,223748 \$ 5, 1,244,464 27,223748 \$ 5, 1,244,464 27,223748 \$ 5, 1,244,464 27,223748 \$ 5, 1,244,464 27,223748 \$ 5, 1,244,464 27,223748 \$ 5, 1,244,464 27,223748 \$ 5, 1,244,464 27,223748 \$ 5, 1,244,464 27,223748 \$ 5, 1,244,464 27,223748 \$ 5, 1,244,464 27,223748 \$ 5, 1,244,464 27,223748 \$ 5, 1,244,464 27,223748 \$ 5, 1,244,464 27,223748 \$ 5, 1,244,464 27,223748 \$ 5, 1,244,464 27,478 27, 1,244,464 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478 27,478	Non-Kesidential Programs EE Programs (at 55% Avoided Cost)							
## Standard 1,106 5,746,363 5 1,155,127 27,2237444 5 ## Feed Service Products 1,24	er for Mon-Residential Customers Lighting	11,320	64,139,478	v	14,143,982	27,22374%	*	3,850,521
101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 101.40 1	n - Ton non-nucleopoidal Contomers motors of for Hon-Besidential Contomers - Other Beautiful Income E		5,746,363	κy -	1,353,127	27.22374%	•	368,372
## 252.468	" for Non-Residential Customers, France See Food Sender Durchase		503,425	v > +	62,333	27.22374%	s	16,969
### 6.500 \$55,900,499 \$ 11,546,459 \$ 17,22374% \$ 5 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	of for Non-Residential Customers - HVAC		4862 288	v» v	272,458	27,22974%	s i	74,173
22,462 139,466,046 \$ 10,972,779	of for Non-Residential Customers - Custom Rebate	280	00 020 ACB	٠.	7,04	21,223,14%	<u>.</u>	613,749
22,482 139,666,046 5 30,972,779 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	15 Smart Energy Now	1343	7,153,432	ሱ ህገ	9340,423	27,22374%	v, s	3,252,273
SC Ron-flexidentist Peak Demand Allocation Factor (1/2 Eulibit 4, Line 15] 5 33,322,193 15,396,774 5 5 236,743 5 13,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,791 5 31,790,79	on-Residential Conservation Programs	22,482	139,468,046	S	30,972,779		~ ~	8,431,948
S47,871 S 33,322,193 15,396,776 S S56,743 S 13,790,791 S 13,790,791 S47,871 S 13,790,791 S 39,322,193 S 45,1095 S S47,871 S 39,322,193 S 45,1095 S						SC Non-Residential Peak Demand Allocation Factor (VZ Exhibit 4, Line 15)		# *
25 Retail Peak Demand Allocation A*e Factor (V2 Enthible 4, Line 13) 2255,743 \$ 13,790,791 321,128 \$ 19,531,402 547,871 \$ 39,522,193 25,451038 \$	17 Total DSM Programs (at 75% Avoided Cost)	547,871		so	33,322,193	15.39617%	s	5,130,341
256.743	M Program Breakdown					SC Retail Peak Demand Allocation Section (17 Sections 1945 194		A • B
The (Mon-Residential) 371,128 19,531,402 547,871 5 39,522,193 25,45108% 5	Power Manager (Residential)	226,743		•	197 000 51	PARTE (V. CRIBERTO, MINE AND		
\$47,671 \$ 39,522,193 25,45108% \$	Power Share (Non-Residential)	321,128		,	19.531.402			
	2	547,871		S	39,522,193	25.45108%	0	8.480.858

(1) Total System DSM programs affocated to Residential and Non-Residential based on contribution to retail system peak

Duke Energy Carolinas For the Period January 1, 2011 - December 31, 2011 Docket Number 2012-XXX-E Existing DSM Program Costs - Vintage 2

				Year 2011	
 Estimated total IS/SG credits to be paid for native load programs 	Line 8	\$ 8,260,051			
				Residential	Non-residential
 2 St. retail allocation factor - system peak demand 	V2 Exhibit 4, Line 16, 17			9.41035%	14.40921%
3 SC retail share 15/5G program costs	Line 1 * Line 2		S	\$ 006,777	1,190,208
4 Gross Receipts Tax and Regulatory Fee				1.004536	1.004536
5 SC Retail Existing DSM Revenue Requirement	Line 3 * Line 4			780,826	1,195,607
PROGRAM 4 INTERRUPTIBLE SERVICE CREDITS 5 STANDBY GENERATOR PAYMENTS 6 WHOLESALE A/C LOAD CONTROL CREDITS 7 WHOLESALE INTERRUPTIBLE SERVICE CREDITS 8 TOTAL CREDITS	Jan - Dec 2011 Credits Paid 4,908,859 1,873,857 370,432 1,106,903 8,260,051				

Note: 2011 actual credits paid used as an estimate for 2013 amounts

Duke Energy Carolinas For the Period January 1, 2011 - December 31, 2011 Docket Number 2012-XXX-E Allocation Factors - Vintage 2

Sales Allocator - 2011		MWH	Res	NonRes
1 NC RetailMWH Sales Allocation 2 SC Retail MWH Sales Allocation (Excl. Greenwood) 3 Total Retail, Excluding Greenwood	Company Records Company Records Line 1 + Line 2	55,966,072 20,958,243 76,924,315	6,646,698	14,311,545
4 Greenwood Retail MWH Sales Allocation 5 Total Retail, including Greenwood Allocation 1 to state based on kWh sales	Company Records Line 3 + Line 4	60,853		
6 SC Retail	Line 2 / Line 5	27.22374%	31.71400%	68.28600%
Demand Allocators - 2011		NC MW	SC MW	Total MW
7 Residential 8 Non Residential (SC - Excl. Greenwood) 9 Greenwood 10 Total 11 Wholesale Peak Demannd 12 Total System Peak Demannd	Company Records Company Records Company Records Line 7 + Line 8 + Line 9 Company Records Line 10 + Line 11	5,179,896 6,788,010 11,967,906	1,616,026 2,474,472 13,596 4,104,094	6,795,922 9,262,482 13,596 16,072,000 1,100,855
Allocation 2 to state based on peak demand 13 SC Retail, Excl. Greenwood	(Line 7, SC + Line 8, SC)/ Line 10 Total	25.45108%		17,172,855
Allocation 3 SC res vs non-res Peak Demand to retail system peak 14 SC Residential 15 SC Non-residential Line 8, SC/	system peak Line 7,SC / Line 10 Total Line 8, SC / Line 10 Total	10.05492%		
Allocation 4 SC res vs non-res Peak Demand to retail system peak for Existing DSM 16 SC Residential 12 Total 17 SC Non-residential Line 12 Total Line 8, SC / Line 12 Total	system peak for Existing DSM Line 7,SC / Line 12 Total Line 8, SC / Line 12 Total	9.41035%		

Duke Energy Carolinas
For the Period January 1, 2011 - December 31, 2011
Docket Number 2012-XXX-E
Actual Program Costs - Vintage 2

	System Costs Months		
	December 31, 2011	Residential	Non-Residential
Energy Efficiency (EE) Programs:			
1 Residential Energy Assessments	2,680,325	2,680,325	
2 Residential Home Retrofit	119,334	119,334	
3 Home Energy Comparison Report	714,262	714,262	
4 Residential Smart Saver	23,107,429	23,107,429	
5 Low Income Services	1,302	1,302	
6 Energy Efficiency Education Schools Program	795,083	795,083	
7 Nonresidential Energy Assessments	2,530,485		2,530,485
8 Nonresidential Smart Energy Now	2,078,784		2,078,784
9 Nonresidential Smart Saver	12,199,001		12,199,001
10 Subtotal EE Program Costs	44,226,005	27,417,735	16,808,270
Demand-Side Management (DSM) Programs:			
11 Power Manager	14,455,621	14.455.621	

	12 055 100	13,855,180	30,663,450	
	14,455,621	14,455,621	41,873,356	
	14,455,621	28,310,801	72,536,806	
mand-olde management (Com) riogianis.	11 Power Manager 12 Power Share	13 Subtotal DSM Program Costs	14 Total EE & DSM Program Costs	

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Vintage 3, Year 2

Lost Revenue

Calculation of Estimate for Vintage 3, Year 2 Lost Revenue For the Period January 1, 2013 - December 31, 2013 Docket Number 2012-XXX-E **Duke Energy Carolinas**

RESIDENTIAL

KESIDENIIAL		Estimate	ate
1 Lost Revenues Vintage 3, Year 2 2 Billing Factor	R4 Exhibit 1, Line 35	\$ 3 ⁷ 6	3,409,996
3 Residential Save-A-Watt Revenue Requirement	Line 1 * Line 2	\$ 2,898,497 See Exhibit A for rate	2,898,497 it A for rate
NON-RESIDENTIAL		Vintage 3, Year 2 Lost Revenue Estimate	Year 2 enue ate
4 Lost Revenues Vintage 3, Year 2 5 Billing Factor	R4 Exhibit 1, Line 43	\$ 1,3	1,331,883
6 Non-Residential EE Revenue Requirement7 Projected SC Non-Residential Sales (kWh) for billing period8 Non-Residential Rider EE (cents per kWh)	Line 4 * Line 5 R4 Exhibit 3, Line 23 Line 6/Line 7 * 100	\$ 1,1 9,443,4	1,132,101 9,443,423,894 0.0120

Vintage 4, Year 1 Estimated SC Retail

Revenue Requirement

Duke Energy Carolinas For the Period January 1, 2013 - December 31, 2013 Docket Number 2012-XXX-E Calculation of Estimate for Vintage 4, Year 1

RESIDENTIAL

1 EE Avoided Cost Component	V4 Exhibit 2, Line 6	ť	2.997.035
2 DSM Avoided Cost Component	V4 Exhibit 2, Line 7	· co	4 584 614
3 Total Residential Avoided Cost Component	Line 1 + Line 2		7 581 649
4 Gross Receipts Tax and Regulatory Fee		•	1.004536
5 Total EE/DSM Residential Avoided Cost Component	Line 3 * Line 4	s	7.616.039
6 Total Lost Revenues	R4 Exhibit 1, Line 49	· •/1	531 995
7 Residential Save-A-Watt Revenue Requirement	Line 5 + Line 6		8 148 034
8 Billing Factor			8594
9 Residential Save-A-Watt Revenue Requirement	Line 7 * Line 8	S	6 975 879
10 Residential Existing DSM Program Revenue Requirement	V4 Exhibit 3, Line 5	·	780.826
11 Total Residential SAW & Existing DSM Program Revenue Requirement	Line 9 + Line 10	w	7,706,655
		See Ext	See Exhibit A for rate

EE Participants DSIM Participants

NON-RESIDENTIAL		Vini	Vintage 4, Year 1 Estimated SC Retail Revenue Requirement	mated SC Retail rement
12 SAW EE Avoided Cost Component	V4 Exhibit 2, Line 14	S	8,195,877	
1.4 Gross Receipts Tax and Regulatory Fee	V4 Exhibit 2, Line 15		1 004536	7,019,996
15 Total Non-Residential Avoided Cost Component	Line 14 * Line 12, Line 13	s	8,233,053 \$	7,051,839
16 Total Lost Revenues Vintage 4	R4 Exhibit 1, Line 56	\$	626,391	
17 Non-Residential EE Revenue Requirement	Line 15 + Line 16	\$	8,859,444 \$	7,051,839
As building ractor			82%	82%
19 Non-Kesidential et kevenue Kequirement	Line 17 * Line 18	ς	7,530,527 \$	5,994,063
20 Existing Usivi Program Revenue Requirement	V4 Exhibit 3, Line 5		\$	1,195,607
2.1 Total Non-Residential SAW & Existing DSM Program Revenue Requirement	Line 19 + Line 20	S	7,530,527 \$	7,189,670
22 Projected SC Non-Residential Sales (KWh) for billing period	R4 Exhibit 3, Line 23		9,443,423,894	8,370,744,120
23 Non-residential Rider EE (cents per KWh)	Line 21/ Line 22 * 100		0.0797	0.0859

U

4

Ouke Energy Carolinas
For the Period January 1, 2013 - December 31, 2013
Cocket Number 2012-30K-E
Load impacts and Avoided Cost Revenus Requirements by Program - Vintage 4

						SCRed	SC Residential Avoided
	System kW · Summer	System Cherry	į	And the latest of the latest o	CCMMb Cates Allocation Contra		Costs
Residential Programs	Peak	Reduction (KWh)	Кечили	Revenue Requirement	(V2 Exhibit 4, Line 6)		A*B
cc Frugrams (at 55% AVD)ded (.05t) 1 Residential Energy Assessments	705	3.799.101	v	DEE SOY	ANTERIO CO		
2 Smart Saver* for Residential Customers	6773	59.422 RBn		DEED COL O	44.52.24 44.52.54 44.52.54 44.54 44.54 44.54 44.54 44.54 44.54 44.54 44.54 44.54 44.54 44.54 44.54 44.54 44.54 44.54 44.54 44.54 44.54 44.54 44.54 44.54 44.54 44.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.54 45.	۰,	191,745
3 Low Income Energy Efficiency and Weatherheadon Assistance	25	624.134	· •	203.025	27:577:17	^ 4	2,241,509
4 Energy Efficiency Education Program for Schools	yL9	SCO PCT S		10000	Manage of	۰.	1770
5 Home Energy Comparison Report	822	20,020,02	٠.	140,017	14.62.12 14.62.12	Α.	192,965
6 Yotal for Residential Conservation Programs	CPL 8	100 000 COT	٠,	1/0/6CFT	71.773/4%	ω,	315,544
	t	104030414	n	\$08,800,01		v	2,997,035
					SC Residendat Prats Demand		
					Allocation Factor (V2 Exhibit 4,		A*8
					Une 14)		
7 Total DSM Programs (at 75% Avoided Cost)	707,846		w	45,595,727	10.05492%	s)	4,584,514
						SCNo	SC Non-Residential
						ş	Avoided Costs
	System kW - Summer	System Energy	System	System Avoided Cost	NC kWh Sates Allocation Factor		A*8
Bion Dorleton December	Peak	Reduction (kWh)			(vz Exhibit 4, line 6)		
EE Programs (at 55% Avoided Cost)							
8 Smart Saver" for Non-Residential Customers Lighting	9760	54.199.307	•	12 004 171	272200 00	·	
9 Smart Saver* for Non-Residential Customers Motors	294	2,350,755	· w	654,911	27.22374%	n v	178 701
10 Smart Saver* for Non-Razidenthal Customers - Other Prescriptive (Process Equipment)	m	17,304	s	1.857	27.22374%		85
11 Smart Saver* for Non-Residential Customers - Energy Star Food Service Products	165	584,607	v	241,149	27.22374%	• •	8
3.2 Smart Saver" for Non-Realdential Customers - NVAC	1,602	4,092,253	•^	2,093,244	27.22374%	·	569.859
13 Smart Saver for Non-Residential Customers - Custom Rabute	2697	67,290,611	s	14,020,285	27.22374%	so.	3,816,845
As local for non-regulating contempation Programs	690'61	128,934,837	'n	30,105,627		s	8,195,877
					SC Non-Residential Peak Demand		
					Affocation factor (VZ Exhibit 4, Une 15)		A•B
Total Miles Commence of the Title A.							
15 Total USIN Programs (at 72% Avoided Cost)	707,846		σ.	45,595,727	15.39617%	s	7,019,996
Total DSM Program Breakdown					SC Retail Peak Demand Allocation Earns 0/2 Parkite & vine 191		A*B
16 Desper Manager (Resident):			•		(T		
	366,338	. ,	n	22,126,987			
18 Total Dista				Or stronger			
	902'/0/		v	45,595,727	25.45108%	4 5	11,604,605

(1) Total System DSM programs allocated to Residential and Non-Residential based on contribution to retail system peak

Duke Energy Carolinas
For the Period January 1, 2013 - December 31, 2013
Docket Number 2012-XXX-E
Existing DSM Program Costs - Vintage 4

1 Estimated total IS/SG credits to be paid for native load programs	Line 8	8.260.051	Year	Year 2013	
			Residential		Non-residential
2 SC retail allocation factor - system peak demand	V2 Exhibit 4, Line 16, 17	J		9.41035%	14.40921%
3 SC retail share IS/SG program costs	Line 1 * Line 2		s	\$ 006,777	1,190,208
4 Gross Receipts Tax and Regulatory Fee		1		1.004536	1.004536
5 SC Retail Existing DSM Revenue Requirement	Line 3 * Line 4			780,826	1,195,607
PROGRAM	Jan - Dec 2011 Credits Paid				
4 INTERRUPTIBLE SERVICE CREDITS	4,908,859				
5 STANDBY GENERALOR PAYMENTS 6 WHOLESALE A/C LOAD CONTROL CREDITS	1,873,857 370,432				
7 WHOLESALE INTERRUPTIBLE SERVICE CREDITS	1,106,903				
8 TOTAL CREDITS	8,260,051				

Note: 2011 actual credits paid used as an estimate for 2013 amounts

Duke Energy Carolisses For the Period February 2010 - January 31, 2013 Docket Number 2012-2006-E South Carolina Lost Revenues Surresary

Virtage \$	2,009	2010	Participation 2,011	1 Mth 2012	4.4		
Residential	2403	2,012	2,011	1 MIA 2012	2,012	2,913	Total
1 Residential Energy Assessments	_						
2 Smart Sayer® for Residential Customers		85,036 1,567,767	94,835 4,577,451	7,903 381,038		:	167,77 6,5 6,25
3 Low became Energy Efficiency and Westherbaston Assistance 4 Energy Efficiency Education Program for Schools		22,693	45,474	3,873			73,04
4 Energy Efficiency Education Program for Schools 5 Horse Exergy Comparison Report		11,978 52,395	29,235	2,436		:	43,64° 52,39°
6 Total Loss Revenues		1,714,869	4,742,995	395,250	•	•	6,853,11
Non-Residential	2,009	2,010	2,011	1 Mish 2012	2,012	2,013	Tota:
7 Smart Sayer* for Non-Residential Contorners Lighting		473,332	951,418	79.285			
8 Smart Sever® for Non-Residential Contomers Motors		12,567	23,919	1,994	:	:	1,504,03! 38,49
9 Smart Saver* for Nor-Residential Customers - Other Prescriptive (Process Equipment) 10 Smart Saver* for Non-Residential Customers - Energy Star Food Service Products		2,984	5,242	520	•		9,74
11 Senset Sever® for Non-Residential Customers - NVAC		26,763	47,494	3,958	*		78,219
12 Smart Sever ^a for Non-Residential Castomers - Castom Rebate 13 Yould Lost Revenues		56,248 571,894	1,129,724	8,387 94,144		·	165,27
				·			2,104,104
Virtige 2	2,009	2,010	2,011	1 Mth 2012	20(2(2)	2,013	Total
Residential	-						
4 Residential Energy Assessments 5 Smart Sever ⁴ for Rusidential Customers			64,622 1,770,010	•	•	44,124 1,465,341	108,744 3,235,351
6 Low income Energy Efficiency and Westherization Assistance			1,413			1,397	2,235,35 2,810
7 Energy Efficiency Education Program foe Schools 2 Residential Retrofts Pilot	•		13,053	•		9,719	22,77
9 Home Energy Comparison Report		_ :	74,097				74,09
© Total Lost Revenues	٠	,	1,973,195		•	1,520,581	3,443,77
Non-Residential	2,009	2,010	2,011	1 Mth 2012	2012(a)	2,013	Yotal
1 Smart Sever® for Hon-Residential Customers Lighting 2 Smart Sever® for Non-Residential Customers Motors	:	•	338,152 33,873	•		217,039	555,191
3 Smart Saver® for Hon-Residential Costomers - Other Prescriptive (Process Equipment)			33,673	:	•	25,888	59,76
Smart Saver® for Non-Residential Customers - Energy Star Food Service Products Smart Saver® for Hon-Residential Customers - HVAC	•		1,036 26,052			3,065	4,10
5 Smart Saver® for Non-Residential Customers - Custom Rebate			192.655	:	,	15 095 122 649	42,141 315,34
7 Smart Energy Now 8 Total Lest Ravenues		•	591,768			384.776	976,544
Victors 5 - Yr. 2 (2051)	2,009	2.010	2,011	1 Mth 2012	2,012	2013(b)	Total
finici mini	-						
9 Residential Everyy Assessments						154,745	154,745
9 Home Energy Comparison Report 1 Smart Saver® for Residential Customers	•	•	•			2,135,647	2,135,647
2 Low income Energy Efficiency and Weatherbatton Assistance	;		4			1.058,827 4,948	1,058,827 4,948
3 Entrgy Efficiency Education Program for Schools 4 Residential Retrosit Pilot	-	•	•	•		55,829	55,829
5 Total Lost Revenues		- :	· ·		•	3,409,998	3,409,996
Non-Residential	2,009	2,610	2,011	1 Mth 2012	2,012	2013(b)	Total
5 Smart Saver® for Non-Residential Customers Lighting	77.5				2,014		
Smart Sayer* for Non-Residential Customers Motors	•		,		:	677,157 20,236	677,157 20,236
Smart Sever* for Non-Residential Customers - Other Prescriptive Process Equipment)						170	170
	•	•	-				9,251
	•		:			9,251 41 354	41 760
Smart Saver® for Non-Rasidential Customers - HVAC Smart Saver® for Non-Rasidential Customers - Custom Rehate	•		:	-	,	9,251 41,258 583,811	43,258 \$83,811
3 Smart Saver® for Non-Residential Customers - NYAC 3 Smart Saver® for Non-Residential Customers - Custom Rehate 3 Sowet Energy New			: : :	· - ·		41,258	
0 Smart Sever® for Non-Rasidential Customers - NYAC 5 Smart Sever® for Non-Rasidential Customers - Custom Rehate 2 Smart Energy New 3 Total Lost Revenues	-					41,258 583,811 1,331,683	\$93,811 1,331,883
3 Smart Saver® for Non-Residential Customers - NYAC 3 Smart Saver® for Non-Residential Customers - Custom Rehate 3 Sowet Energy New	2.009	2,010	2,011	1 Atsh 2012	2,012	41,258 583,811	\$83,811
Smart Sever® for Non-Residential Customers - NYAC Smart Sever® for Non-Residential Customers - Custom Rehate Smart Energy Now Total Lost Revenues Viotage 4 - Yr. 1 (8013) Residential	2.009	2,016	2,011	1 Atsh 2012	2,012	41,258 583,811 1,331,883 2013(b)	\$93,811 1,331,883 Total
Smart Sever® for Non-Residential Customers - NYAC Smart Sever® for Non-Residential Customers - Custom Rehate Smart Sever® Forest Energy Now Total Lost Revenues Vintage 4 - Yr. 1 (2013) Residential Residential Energy Assessments Home Energy Comparison Report	2,005	2,016	2,011	1 Min 2012	2,012	41,258 533,811 1,331,883 2013(b)	\$93,811 1,331,883 Total 31,933 10,678
Smart Saver® for Non-Rasidential Customers - NYAC Smart Saver® for Non-Rasidential Customers - Custom Rehate Smart Energy New Total Lost Revenues Vistage 4 - Yr. 1 (2013) Residential Residential Energy Assessments Home Energy Comparison Report Smart Saver® for Residential Customers Low booms langery Efficiential Customers Low booms langery Efficiential Customers	2,005	2,010	2,011	1 Ahh 2012	2,012	41,255 583,811 1,331,883 2013(b) 31,531 10,678 456,224	\$93,811 1,331,883 Total 31,933 10,678 456,224
Smart Saver To Non-Rasidential Customers - NYAC Smart Saver To Non-Rasidential Customers - Custom Rehate Smart Energy Now Total Lost Revenues Viotage 4 - Yr. 1 (2013) Residential Energy Assessments Home Energy Comparison Report Smart Saver To Residential Customers Low thosons Energy Efficiency and Westherlaston Assistance Energy (Except Follows)	2,005	2,016	2,011	1 Ahh 2012	2,012	41,258 533,811 1,331,883 2013(b)	\$93,811 1,331,883 Total 31,933 10,678
Smort Saver® for Non-Residential Customers - NYAC Smart Saver® for Non-Residential Customers - Custom Relate Smart Energy New Total Lost Revenues Viotage 4 - Yr. 1 (2013) Residential Residential Chergy Assessments Home Energy Comparison Report Smart Saver® for Residential Customers Low trooms Energy Efficiency and Wastherlaston Andreance Energy Efficiency feducation Program for Schools Total Lost Revenues	:					41,258 583,811 1,331,863 2013(b) 11,931 10,678 456,124 5,245 27,914 531,995	\$93,811 1,331,843 Total 31,933 10,678 456,224 5,224 5,234 5,235 5,245 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,
Smart Savar For Non-Residential Customers - NYAC Smart Savar For Non-Residential Customers - Custom Relate Smart Energy Now Total Lost Revenues Viotage 4 - Yr. 1 (8013) Residential Residential Energy Assessments Home Energy Comparison Report Smart Savar For Residential Austomers Low Income Energy Efficiency and WeatherLaston Assistance Energy Efficiency Houseling Program for Schools Total Lost Revenues Non-Residential	:	2,010	2011	1 Ahh 2012	2,012	41,258 583,811 1,331,843 2013(b) 31,931 10,678 456,224 52,45 22,914 531,995	Total 1,331,243 Total 31,933 10,678 456,224 27,914 531,995
Smart Sever® for Non-Rasidential Customers - NYAC Smart Sever® for Non-Rasidential Customers - Custom Relate Smart Energy New Total Lost Revenues Viotage 4 - Yr. 1 (2013) Residential Residential Energy Assessments Home Energy Comparison Report Smart Saver® for Residential Customers Low trooms Energy Efficiency and WeatherLaston Assistance Energy Efficiency flooration Program for Schools Total Lost Revenues Non-Rasidential Smart Saver® for Non-Rasidential Customers Lighting Smart Saver® for Non-Rasidential Customers Lighting Smart Saver® for Non-Rasidential Customers Highting	:					41,258 583,811 1,331,863 2013(b) 11,931 10,678 456,124 5,245 27,914 531,995	\$93,811 1,331,843 Total 31,933 10,678 456,224 5,224 5,234 5,235 5,245 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,246 5,
Smart Saver® for Non-Rasidential Customers - NYAC Smart Saver® for Non-Rasidential Customers - Custom Rehate Smart Energy New Total Lost Revenues Viotage 4 - Yr. 3 (2013) Residential Residential Energy Assessments Home Energy Comparison Report Smart Saver® for Residential Outsomers Low Income Energy Efficiency and Wastherization Assistance Energy (Efficiency Education Program for Schools Total Lost Revenues Non-Rasidential Smart Saver® for Non-Rasidential Customers Lighting Smart Saver® for Non-Rasidential Customers Lighting Smart Saver® for Non-Rasidential Customers Highting Smart Saver® for Non-Rasidential Customers Other Prescriptive Efforcess Equipment	:					41,258 583,811 1,331,883 2013(b) 31,931 10,678 456,224 45,225 27,914 531,995 2013(b) 200,825 11,130	383,811 1,331,833 Total 31,933 10,678 456,224 5,246 5,246 57,711 511,995 Total 280,835
Smart Savra* for Non-Raidential Customers - NYAC Smart Savra* for Non-Raidential Customers - Custom Rehate Smart Linery New Total Lost Revenues Viotage 4 - Yr. 1 (2013) Residential Reidential Energy Assassments Home Energy Comparition Report Smart Savra* for Residential Customers Low thooms Energy Efficiency and WestherLaston Assistance Smart Savra* Customers Low thooms Energy Efficiency and WestherLaston Assistance Smart Savra* Customers Low thooms Energy Efficiency and WestherLaston Assistance Smart Savra* Customers Low thooms Energy Efficiency and WestherLaston Assistance Smart Savra* Customers Low thooms Energy Efficiency and WestherLaston Assistance Smart Savra* Customers Low thooms Energy Efficiency and WestherLaston Assistance Smart Savra* Customers Low thooms Energy Efficiency and WestherLaston Assistance Smart Savra* Customers Low thooms Energy Efficiency and WestherLaston Assistance Smart Savra* Customers Low thooms Energy Efficiency and WestherLaston Assistance Smart Savra* Customers Low thooms Energy Efficiency and WestherLaston Assistance Smart Savra* Customers Low thooms Energy Efficiency and WestherLaston Assistance Smart Savra* Customers Low thooms Energy Efficiency and WestherLaston Assistance Smart Savra* Customers Low thooms Energy Efficiency and WestherLaston Assistance Smart Savra* Customers Low though Energy Efficiency and WestherLaston Assistance Smart Savra* Customers Low thooms Energy Efficiency and WestherLaston Assistance Smart Savra* Customers Low thooms Energy Efficiency and WestherLaston Energy Efficiency Energy	:					41,258 583,811 1,331,883 2013(6) 31,911 10,678 456,224 5245 22,914 531,995 2013(6)	\$33,811 1,331,833 Total 11,933 10,678 45,224 5,246 27,914 531,995 Total 280,836 11,130

Duke Energy Carolinas For the Period February 1, 2010 - December 31, 2012 Docket Number 2012-XXX-E

Rider 4 Exhibit 2

DSM/EE Revenues Collected from Riders (By Vintage)

Line			Actual 2010 Rider 1	Actual 2011 Rider 2	Est 2012 Rider 3 *	Total
	Residential					
1	EE and DSM	v1	11,158,939	2,523,002	5,453,455	19,135,396
2	EE and DSM	v2		15,053,260		15,053,260
	Non-Residential					
3	EE	v1	1,792,808	108,804	1,870,902	3,772,514
4		v2		3,721,352		3,721,352
5	DSM	v1	2,979,777		1,205,465	4,185,242
6		v2		5,017,013		5,017,013
7	Total		15,931,524	26,423,431	8,529,822	50,884,777

^{*} Estimates computed using approved rates per Order No. 2012-202 in Docket No. 2011-420-E applied to projected sales per Rider 4 Exhibit 3

Date Energy Carolinas For the Pariod January J., 2013 - December 31, 2013 Docket Number 2012-300X-E Forecasted WWh Sales for Rate Period

2013 Sales

Adjusted SC Retail Sales Forecast (excludes Greenwood sales)

Spring 2012 Sales Forecast - KWhs

													A Rate V2 EE Rate V2 DSM Rate V3 EE Rate V4 EE Rate V4 DSM Rate	Components Components Components	7/9/50/1985/10 7/9/50/10/505/10 7/9/50/10/50/57 7/9/50/10/50/57	5,716,297,155	6.007.125,416	4,945,281,778	4,945,281,778	8,672,408,517 9,151,050,009 8,581,580,256 9,443,423,894 9,443,423,894 8,370,744,120	·Tous		59.24877% Line 24 / Line 25		59.92639% Line 24 / Line 25		
6,464.392,000 99.24877%	6,415,829,548	14,399,305,000 99,92639% 14,388,705,672	20,804,535,720		2011 kWh Usage	4,644,424,745 5,716,297,455		\$,237,655,663 6,007,125,416		4,945,281,778 6,017,961,552	Use Vintage 3 as proxy	Ħ	VA EE Rate	Components Components		5,716,2				9,744,280,977 8,672,	2011 MWh Usage Percent to Total	800'069'9	50,310 6,646,698 99.2	14,372,088	10,543 14,311,545 99.5	21,019,096	21,079,949
1 Residential 2 Factor to exclude Greenwood	3 Residential sales excluding Greenwood	4 Non-Residential 5 Fattor to exclude Greenwood 6 Non-Residential soles excluding Greenwood	7 Total Retail soles excluding Greenwood	Opt Cut Sales	Vintage 1 Opt Out	8 EE 9 DSW	Vintage 2 Opt Out	10 EE 11 DSM	Vintage 3 Opt Out	12 EE 13 DSM	14 Varinge 4 Opt Out	Non-Residental Forecast Sales Less Opt Out		15 Total Non-Bestifential	16 Less VI EE Opt Out	17 Less VI DSM Opt Out 18 Less V2 EE Ont Out	19 Less V2 OSM Opt Out	20 Less V3 EE Opt Out	22 Less V3 EE OPF Out 22 Less V3 DSM Opt Out	23 Sales for Rider Cokubation	Factor to Exclude Greenwood Sales from Forecast:	24 Total SC Residential Sales	45 Greatdential Sales excluding Greenwood 26 SC Residential Sales excluding Greenwood	27 Total SC Non-Residential Sales	28 Greenwood Non-Razidentia) Sales 29 SC Non-Residential Sales excluding Greenwood	30 Total SC Retail Sales	4A Greenwood Retail Sales 32 SC Retail Sales excluding Greenwood

For the Period February 1, 2010	GOCKET MUMDET AS Residential Interest Coloutst
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Residential													
		٠ ا	6	u	۵			ш	•	9	1	GRT	1 = (D-H) * GRT
Vintage 1			evenue Requir	Revenue Requirement Incurred					Amounts Collected	ollected		_	Interest Due
1 EE + DSM avoided cost	V1 Exhibit 1, the 5	2010 15.763.048	2011	2013	Total			Rider 1 2010	Rider 2 2011	Rider 3 - Est 2012	Total	i	
2 EE last revenue 3 Edsting DSM avoided cost	R4 Exhibit 1. Line 6 V1 Exhibit 1, Line 10	1,714,869	4,742,995	395,250	6,853,114								
4 Earnings cap adjustment	VI Exhibit 1, Line 12	(3,978,501)			(3,978,501)								
5 Total revenue requirement 6 Number of months interest	Sum (Line 1: Line 4) Une 13	14,417,942	4,742,995	395,250 17.5	19,556,187	Total collections Number of months interest	R4 Exhibit 2, Une 1	11,158,939	2,523,002	5,453,455	19,135,396		
7 Monthly rate (WACC)	Une 26/12	0.006245	0.006245	0.005971		Monthly rate (WACC)	Une 26/12	0.006245	0.006245	176500.0			
8 Interest	Line 5 * Line 6 * Line 7	3,196,422	710,880	41,301	3,948,603	Interest	Une 5 Une 6 tine 7	2,473,909	378,148	390,751	3,242,807 1.004536	1.004536	708,997
9 Bugin accrual			Jan 1 2011	Jan 1 2012		Begin collection		Feb 1, 2010	Jan 1 2011	Jan 1 2012			
10 End accrual 11 Midpoint accrual		Dec 31 2010 July 15 2010	Dec 31 2011 July 1 2011	Feb 1 2012 Jan 15 2012		End callection Midpoint collection		Oec 31 2010 July 15 2010	Dec 31 2011 July 1 2011	Dec 31 2012 July 1 2012			
12 Midpoint refund period (Rider 4)	ŧ	July 1 2013	July 1 2013	July 1 2013		Midpoint refund partod (Rider 4)	₹	July 1 2013	July 1 2013	July 1 2013			
 Mumber months midpoint accruait midpoint refund 	rusi	35.5	54	17.5		Number months midpoint collection to midpoint refund	ection	35.5	*	a			
		∢	.	U	۵			t si	u	و	2	E C	
Vintage 2		~	Revenue Requiremo	tment Incurred					Amounts Collected	ollected		<u> </u>	Internet Due
		•		1			-	Rider 1		Rider 3 - Est		J	
14 EE + DSM avoided cox	V2 Exhibit 3, Line 5	000	2011 16,210,711	2002				2010	1102	2013			
15 EE lost revenue 16 Existing DSM avoided cost	R4 Exhibit 1, Line 20 V2 Exhibit 1, Line 10		1,923,195										
17 Total revenue requirement	Sum (Line 14; Line 16)	•	18,914,732			Total callections	R4 Exhibit 2, thre 2		15.053.260				
18 Number of months interest	Line 25		74			Number of months interest	Une 25		74				
29 Monthly rate (WACC)	Line 25/12		0.006245			Monthly rate (WACC)	Une 26/12		0.006245				
	CT DIAN OF BUILD A STAN		Caccaca,			Interest	Line 17 * Line 18 * Line 19	_	2,256,183		_	1.004536	581,382
Z1 Begin accrual			Jan 1 2011			Begin collection			Jan 1 2011				
22 End accruai		-	Dec 31 2011			End collection			Dec 31 2011				
25 Midpoint accrual			July 1 2011			Micpoint collection			July 1 201.1				
24 Midpoint refund period (Rider 4)	₹		July 1 2013			Midpoint refund period (Rider 4)	₹		July 1 2013				
25 Number months midpoint accrual to midpoint refund	rual		24			Number manths midpoint collection to midpoint refund	ection		72				
26 Weighted average cost of capital (WACC)	tal (WACC)	7.4938%	7.4938%	7.1650%									
The same and any of the same		NOTE A	NOTEA	NOTE 8									
NOTE B: Wid. Avg. 1 month Docket 2009-226-E and 11 months Docket 2011-271-E (7.1351%)	ocket 2009-226-E and 11 month	s Docket 2011-27;	1-E (7.13S1%)										

Duke Energy Carolinas
For the Period February 1, 2010 - December 31, 2012
Docket Number 2012-XXX-E
Non-Residential Interest Calculation - Vintage 1

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Vintage 1 - FF		4	10	U	٩			ш	Ŀ	ı		Ę	
		2	REVENUO ROQUIREMENT INCUITED	and incurred					Amounts	Amounts Collected		_	Inflaments Date
1 EE avoided cost	V1 Exhibit 1, Une 21	2010 4,962,238	2011	2012	<u>Total</u> 4,962,238			Rider 1 2010	Rider 2 2011	Rider 3 - Est 2012	legal	J	
2 EE lost revenue 3 Earnings cap adjustment	R4 Exhibit 1, Line 13 VI Exhibit 1, Line 28	571,894 (1,124,033)	1,129,724	94,144	1,795,762								
4 Total revenue requirement 5 Number of months interest 6 Monthly rate (WACC) 7 Interest	Sum (Line 1: Line 3) Line 22 Line 25/12 Line 4 * Line 5 *Line 6	4,410,099 35.5 0.006245 977,708	1,129,724 24 0.006245 169,323	94,144 17.5 0.005971 9,837	5,633,967	Total collections Number of months interest Monthly rate (WACC) Interest	Rd Exhibit 2, Line 3 Line 12 Line 25/12 Line 4 * Line 5 *Line 6	1,792,808 35.5 0.006245 397,461	108,804 24 0.006245	1,870,902 12 0.005971	3,772,514	1	
8 Begin accrual 9 End accrual 10 Midpoint accrual		Feb 1 2010 Ja Dec 31 2010 D July 15 2010 Ju	Jan 1 2011 Jan 1 2012 Dec 31 2011 Feb 1 2012 July 1 2011 Jan 15 2012	Jen 1 2012 Feb 1 2012 Jen 15 2012		Begin collection End collection Midpoint collection			•	Jan I 2012 Dec 31 2012 July I 2012			SOSTITO
11 Midpoint refund penod (Rider 4)	•	July 1 2013 Ju	July 1 2013 July 1 2013	£102 1		Midpoint refund pened (Rider 4)	r.4)	July 1 2013 h	July 1 2013	July 1 2013			
12 Number months midpoint accrual to midpoint refund	ē	35.5	5	17.5		Number months midpoint collection	llection	35.5	24	a			
Vintage 1 - DSW		A	8	U	٥	Pinta in the second		ייני	ī	IJ	#	- E	" * (A - H) * GRT
		K	Kevenuo kequinement incurred	ent incurred					Amounts Collected	affected		L	Interest Due
13 DSM avoided cost	VI Exhibit 1, Une 21	3,609,806	201	2012	Iotal			Rider 1 2010	2011	Nder 3 - Est 2012	Iora	J	
15 Earnings cap adjustment 16 Total revenue requirement 17 Number of	VI Exhibit 1, time 28 Sum (Une 13: Une 15)	(723,716) 4,108,501				Total collections	R4 Exhibit 2, Line S	777.675.2		1 20% 46%	4 185 242		
18 Monthly rate (WACC) 19 Interest	une 24 Une 25/12 Line 16 * Line 17 * Lue 18	35.5 0.006245 910,844				Number of months interest Monthly rate (WACC) Interest	Line 24 Line 25/12 Une 16 º Line 17 º Line 1:			12 0.005971 86,374		1.004536	203 621
20 Begin accrual 21 End accrual 22 Midpoint accrual		Feb 1 2010 Dec 31 2010 July 15 2010				Begin collection End collection Midpoint collection		Feb 1 2010 Dec 31 2010 July 15 2010	404	Jan 1 2012 Dec 31 2012 July 1 2012			
23 Midpoint refund period (Rider 4)		July 1 2013				Midpoint refund period (Rider 4)	r4)	July 1 2013	*	July 1 2013			
24 Number months midpoint accrual to midpoint refund	' a	35.5	•			Number months midpoint collection to midpoint refund	Rection	35.5		ដ			
25 Weighted average cost of capital (WACC) 7.4938% 7.4938% NOTE A NOTE A NOTE A NOTE A NOTE A NOTE E A NOTE E A NOTE E A NOTE E Wird. Avg. 1 month Docket 2009-226-E and 11 months Docket 2013-271-E [7.13518)	(NVACC) Ket 2009-226-E and 11 manth	7.4938% NOTE A 15 Docket 2013-271-E		7.1650% NOTE B									

Duke Energy Carolinas
For the Period February 1, 2016 - December 31, 2012
Docket Number 2012-9004-E
Non-Residential Interest Calculation - Variage 2

Non-Residential												
33 - C manage M		¥	a	0			w	4	S	=	GRT	1 = (8 - F)*GRT
			Kavenue Requirement incurred	nesit inclared				Amounts Collected	lected			Interest Due
1 EE avolded cost	V2 Exhibit 1, Une 19	2010	ZOI.1 8,470,195	2012			2010	Rider 2 2011	2012			
2 EE lost revenue 3 Total revenue reculoment	R4 Exhibit 1, Line 28	'	591,768					:				
4 Number of months interest	Lhe 11		2,001,203 24		Social collection Number of months interest	R4 Exhibit 2, Une 4 Line 11		3,722,352				
5 Monthly rate (WACC)	Line 23/12		0.006245		Monthly rate (WACC)	Line 23/12		0.005245				
6 Interest	Line 3 " Line 4 "Line 5		1,358,207		Interest	Line 3 * Line 4 * Line 5		557,756			1.004536	804,082
7 Begin accrual			Lan 1 2011		Begin collection			lan 1 2011				
8 End accrual			Dec 31 2011		End collection			Dec 31 2011				
9 Midpoint accrual			July 1 2011		Midpoint collection			July 1 2011				
10 Midpoint refund period (Rider 4)	4)		July 1 2013		Midpoint refund period (Rider 4)	r4}		July 1 2013				
11 Number months midpoint accrual	roa!		72		Number months midpoint collection	Ilection		24				
to midpoint refund					to midpoint refund							
	•	4	m	0			w		و	=		i a (B. E)*GPT
Vintage 2 :: DSM		2	Revenue Requirement Incurred	nent Incurred				Amounts Collected	ected			Interest Due
							Rider 1	2	Rider 3 - Est		_	
12 DSM avoided cost 13 Existing DSM cost	V2 Exhibit 1, Une 19 V7 Exhibit 1 Line 2d	2010	2011 5,153,612 1,105,660	2012			2010	2011	2012	Iotal		
14 Total revenue requirement	Une 12 + Line 13	ı	6,349,272		Total collection	R4 Exhibit 2, Line 6		5.017.013				
15 Number of months interest	Une 22		24		Number of months interest	Line 22		24				
16 Manthly rate (WACC)	Line 23/12		0.006245		Monthly rate (WACC)	Line 23/12		0.006083333				
17 Interest	Line 14 * Line 15 * Line 16		951,629		Interest	Une 14 * Line 15 * Line 16	46	732,484			1.004536	220,139
18 Begin accrual			Jan 1 2011		Begin collection			Jan 1 2011				
19 End accrual		_	Dec 31 2011		End collection			Dec 31 2011				
20 Midpoint accrual			July 1 2011		Midpoint collection			July 1 2011				
21 Midpoint refund period (Rider 4)	4)		July 1 2013		Midpoint refund period (Rider 4)	r4)		July 1, 2013				
22 Number months midpoint accrual to midpoint refund	jen		24		Number months midpount collection to midpoint refund	llection		24				
23 Weighted average cost of capital (WACC)	ral (WACC)	7.4938%	7.4938%	7.1650%								
NOTE A: Docket 2009-226-E		MOIER	NOTE	NOTE B								

NOTE B: Wid. Avg. 1 month Docket 2009-226-E and 11 months Docket 2011-271-E (7.1351%)